

#### 4.2.8 LOS ALAMOS NATIONAL LABORATORY

A list of the proposed long-term storage alternatives, subalternatives, and related actions, including the No Action Alternative, at LANL is provided below. The potential impacts of implementing these alternatives and related actions at LANL are described in the following sections: land resources, site infrastructure, air quality and noise, water resources, geology and soils, biological resources, cultural and paleontological resources, socioeconomics, public and occupational health and safety, and waste management.

##### Preferred Alternative

##### No Action Alternative:

Continue to store LANL Pu material in the modified NMSF in stabilized form pursuant to DNFSB Recommendation 94-1.

##### *Proposed Storage Activities at Los Alamos National Laboratory*

- **No Action Alternative (Preferred Alternative):** Continue to store LANL Pu material in the modified NMSF in stabilized form pursuant to DNFSB Recommendation 94-1.
- **Upgrade Alternative:** This storage alternative does not apply to LANL.
- **Consolidation Alternative:** This storage alternative does not apply to LANL.
- **Collocation Alternative:** This storage alternative does not apply to LANL.
- **Subalternative Not Including Strategic Reserve and Weapons Research and Development Materials:** This storage subalternative does not apply to LANL.
- **Phaseout:** LANL Pu material would be moved out of LANL to the upgrade, consolidation, or collocation sites (located at another DOE site) or to disposition (for surplus Pu).